

SERIES 80 2-WAY ELECTRIC VALVES

PRODUCT ADVANTAGES

- Suitable for high pressure applications with quick reaction to opening and closing.
- Exceptionally low inrush and holding current allows the longest wire run from valve to controller.
- Quick reaction to opening and closing and a drip-tight seal for accurate irrigation.
- Stable solenoid to voltage fluctuations with low sensitivity to dirt - no diode solenoid.
- Integrated check valve ensures valve remains closed until the controller designates opening.
- Flow control stem allows manual control from full closure up to maximum capacity.



APPLICATIONS

- Ideal for mild corrosive and mild acidity levels in the water

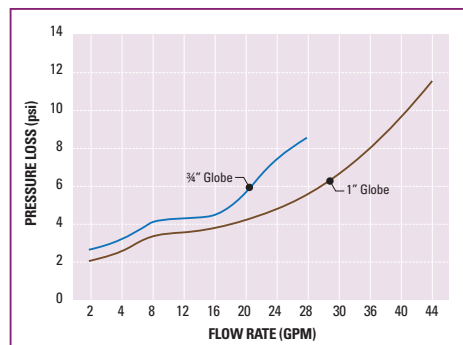
SPECIFICATIONS

- Recommended Flow Ranges:
 $\frac{3}{4}$ " valve - .01 to 26 GPM
 1" valve - .01 to 44 GPM
 1 $\frac{1}{2}$ " valve - .25 to 110 GPM
 2" valve - .25 to 176 GPM
- Valve Configurations:
 $\frac{3}{4}$ " & 1" valves - Globe
 1 $\frac{1}{2}$ " & 2" valves - Globe or Angle
- Minimum Operating Pressure: 7 psi
- Maximum Operating Pressure: 150 psi
- Maximum Water Temperature: 140° F
- Standard Solenoid Voltage: 24VAC \pm 10% voltage
- Solenoid Inrush Current: .22A
- Solenoid Holding Current: .095A

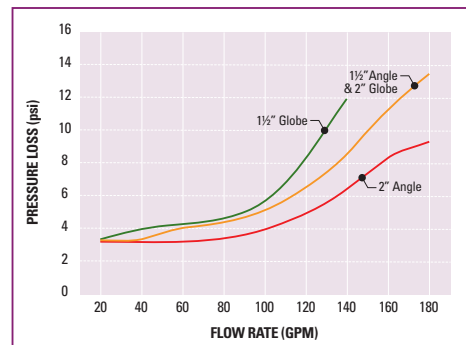
MATERIALS

- Body, Bonnet, Diaphragm Seat: Glass Reinforced Polyamide (GRP)
- Nuts, Bolts, Washers: Stainless Steel 304
- Spring: Stainless Steel AISI 302

$\frac{3}{4}$ " & 1" FLOW RATE VS. PRESSURE LOSS



1 $\frac{1}{2}$ " & 2" FLOW RATE VS. PRESSURE LOSS



DIMENSIONS & WEIGHT

SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT
$\frac{3}{4}$ " GLOBE	3 $\frac{15}{16}$ "	3"	4 $\frac{3}{8}$ "	.62 LBS
1" GLOBE	4 $\frac{1}{8}$ "	3"	4 $\frac{1}{2}$ "	.64 LBS
1 $\frac{1}{2}$ " GLOBE	6 $\frac{9}{16}$ "	6 $\frac{1}{2}$ "	6 $\frac{3}{8}$ "	2 LBS
1 $\frac{1}{2}$ " ANGLE	3 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	6 $\frac{13}{16}$ "	1.8 LBS
2" GLOBE	6 $\frac{9}{16}$ "	6 $\frac{1}{2}$ "	6 $\frac{5}{8}$ "	2 LBS
2" ANGLE	3 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	6 $\frac{13}{16}$ "	1.8 LBS

ORDERING INFORMATION STANDARD 24VAC VALVES

VALVE SIZE	ITEM NUMBER	MODEL NUMBER
$\frac{3}{4}$ " GLOBE	00135-000995	LVET.75GH2
1" GLOBE	00135-001005	LVET1GH2
1 $\frac{1}{2}$ " GLOBE	00135-001015	LVET1.5GH2
1 $\frac{1}{2}$ " ANGLE	00135-001016	LVET1.5GH2-AN
2" GLOBE	00135-001025	LVET2GH2
2" ANGLE	00135-001026	LVET2GH2-AN



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